

# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	STRUCTURE AND METHOD FOR HYPER-ABRUPT JUNCTION VARACTORS																																																																																														
Submission Type :	Utility Patent Filing																																																																																														
Application Number:	10/707905																																																																																														
EFS ID:	54131																																																																																														
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>1904</td></tr><tr><td>IGEN77</td><td>Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either &lt;us-access-code&gt; not found in fee-xml OR actual access code not provided in the fucntion call.</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	1904	IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fucntion call.																																																																																				
Confirmation Code	Message																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																														
ICON1	1904																																																																																														
IGEN77	Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fucntion call.																																																																																														
First Named Applicant:	Douglas Coolbaugh																																																																																														
Attorney Docket Number:	BUR920030177US1																																																																																														
Timestamp:	2004-01-23 08:10:00 EDT																																																																																														
From:	US																																																																																														
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>BUR920030177US1-usassn.xml</td><td>2758</td><td>2004-01-23</td></tr><tr><td>us-assignment</td><td>us-assignment.xls</td><td>8983</td><td>2004-01-23</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-01-23</td></tr><tr><td>us-assignment</td><td>BUR920030177Assign1.tif</td><td>74360</td><td>2004-01-23</td></tr><tr><td>us-assignment</td><td>BUR920030177Assign2.tif</td><td>10980</td><td>2004-01-23</td></tr><tr><td>us-request</td><td>BUR920030177US1-usreq.xml</td><td>5795</td><td>2004-01-23</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-01-23</td></tr><tr><td>us-request</td><td>us-request.xls</td><td>33300</td><td>2004-01-23</td></tr><tr><td>us-fee-sheet</td><td>BUR920030177US1-usfees.xml</td><td>2271</td><td>2004-01-23</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xls</td><td>24912</td><td>2004-01-23</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>BUR920030177spec-trans.xml</td><td>38416</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>us-application-body.xls</td><td>83497</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>soamsb.ent</td><td>3988</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>soamsc.ent</td><td>1460</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>soamsn.ent</td><td>5620</td><td>2004-01-23</td></tr><tr><td>application-body</td><td>soamso.ent</td><td>1934</td><td>2004-01-23</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	BUR920030177US1-usassn.xml	2758	2004-01-23	us-assignment	us-assignment.xls	8983	2004-01-23	us-assignment	us-assignment.dtd	10898	2004-01-23	us-assignment	BUR920030177Assign1.tif	74360	2004-01-23	us-assignment	BUR920030177Assign2.tif	10980	2004-01-23	us-request	BUR920030177US1-usreq.xml	5795	2004-01-23	us-request	us-request.dtd	19064	2004-01-23	us-request	us-request.xls	33300	2004-01-23	us-fee-sheet	BUR920030177US1-usfees.xml	2271	2004-01-23	us-fee-sheet	us-fee-sheet.xls	24912	2004-01-23	us-fee-sheet	us-fee-sheet.dtd	11069	2004-01-23	application-body	BUR920030177spec-trans.xml	38416	2004-01-23	application-body	us-application-body.xls	83497	2004-01-23	application-body	application-body.dtd	49498	2004-01-23	application-body	wipo.ent	4956	2004-01-23	application-body	mathml2.dtd	54588	2004-01-23	application-body	mathml2-qname-1.mod	13225	2004-01-23	application-body	isoamsa.ent	5191	2004-01-23	application-body	soamsb.ent	3988	2004-01-23	application-body	soamsc.ent	1460	2004-01-23	application-body	soamsn.ent	5620	2004-01-23	application-body	soamso.ent	1934	2004-01-23
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																												
us-assignment	BUR920030177US1-usassn.xml	2758	2004-01-23																																																																																												
us-assignment	us-assignment.xls	8983	2004-01-23																																																																																												
us-assignment	us-assignment.dtd	10898	2004-01-23																																																																																												
us-assignment	BUR920030177Assign1.tif	74360	2004-01-23																																																																																												
us-assignment	BUR920030177Assign2.tif	10980	2004-01-23																																																																																												
us-request	BUR920030177US1-usreq.xml	5795	2004-01-23																																																																																												
us-request	us-request.dtd	19064	2004-01-23																																																																																												
us-request	us-request.xls	33300	2004-01-23																																																																																												
us-fee-sheet	BUR920030177US1-usfees.xml	2271	2004-01-23																																																																																												
us-fee-sheet	us-fee-sheet.xls	24912	2004-01-23																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2004-01-23																																																																																												
application-body	BUR920030177spec-trans.xml	38416	2004-01-23																																																																																												
application-body	us-application-body.xls	83497	2004-01-23																																																																																												
application-body	application-body.dtd	49498	2004-01-23																																																																																												
application-body	wipo.ent	4956	2004-01-23																																																																																												
application-body	mathml2.dtd	54588	2004-01-23																																																																																												
application-body	mathml2-qname-1.mod	13225	2004-01-23																																																																																												
application-body	isoamsa.ent	5191	2004-01-23																																																																																												
application-body	soamsb.ent	3988	2004-01-23																																																																																												
application-body	soamsc.ent	1460	2004-01-23																																																																																												
application-body	soamsn.ent	5620	2004-01-23																																																																																												
application-body	soamso.ent	1934	2004-01-23																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	soamsr.ent	7073	2004-01-23
application-body	sogrk3.ent	3550	2004-01-23
application-body	somfrk.ent	4553	2004-01-23
application-body	somopf.ent	2571	2004-01-23
application-body	somscr.ent	4628	2004-01-23
application-body	sotech.ent	5268	2004-01-23
application-body	sobox.ent	3568	2004-01-23
application-body	socyr1.ent	5345	2004-01-23
application-body	socyr2.ent	2504	2004-01-23
application-body	sodla.ent	1508	2004-01-23
application-body	sola1.ent	5282	2004-01-23
application-body	sola2.ent	9007	2004-01-23
application-body	sonum.ent	5913	2004-01-23
application-body	isopub.ent	6621	2004-01-23
application-body	imflextra.ent	7901	2004-01-23
application-body	immlalias.ent	38209	2004-01-23
application-body	soextbx.dfd	12870	2004-01-23
application-body	BUR920030177drw1.tif	9128	2004-01-23
application-body	BUR920030177drw2.tif	14908	2004-01-23
application-body	BUR920030177drw3.tif	9268	2004-01-23
us-declaration	BUR920030177Dec1.tif	71936	2004-01-23
us-declaration	BUR920030177Dec2.tif	40220	2004-01-23
package-data	BUR920030177US1-pkda.xml	9203	2004-01-23
package-data	package-data.dtd	27025	2004-01-23
package-data	us-package-data.xls	19263	2004-01-23
Total files size			794094

Message Digest:

4d3bf647195c2181edce055a26e43a05a0f010ec

Digital Certificate Holder  
Name:

cn=Anthony J.  
Canale,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US